



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:

Charles M. Lindall et al.

Filed: November 26, 2001

For: *ESTERIFICATION CATALYSTS*

Confirmation No. 7583

Group Art Unit: 1711

Examiner: Samuel A. Acquah

RECEIVED
DEC 24 2002
TC 1700

#6/A
122602

* * * * *

December 19, 2002

AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

In response to the communication dated July 24, 2002, kindly enter the amendments and remarks made herein.

IN THE CLAIMS

Please amend the claims as follows:

1. (Amended) A catalyst composition suitable for use as a catalyst for the preparation of an ester comprising

- (a) an organometallic compound which is the reaction product of an orthoester or condensed orthoester of at least one metal selected from the group consisting of titanium, zirconium and aluminum, and an alcohol containing at least two hydroxyl groups, and an organophosphorus compound containing at least one P-OH group, and
- (b) at least one compound of germanium, antimony or tin.

2. (Amended) A catalyst composition according to claim 1, wherein the organometallic compound comprises the reaction product of an orthoester or condensed orthoester of at least one metal selected from the group consisting of titanium, zirconium and aluminum, an alcohol containing at least two hydroxyl groups, and an organophosphorus compound containing at least one P-OH group, and a base.

12/20/2002 SMINASS1 00000017 033975 09991653

01 FC:1202 54.00 CH
02 FC:1203 280.00 CH

Inventor(s): Lindall et al.

Appln. No.: 09

991,653

Series Code ↑

Serial No. ↑

Filed: November 26, 2001

Hon. Commissioner of Patents
Washington, D.C. 20231

Group Art Unit 1711

Examiner: Samuel Acquah

Atty. Dkt. P

0284080

M#

Client Ref

Appln. Title: Esterification Catalysts

RECEIVED
DEC 24 2002
TC 1700

Sir:

REPLY/AMENDMENT/LETTER

Date: December 19, 2002

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim

- A. ☒ NOT made
B. ☐ Withdrawn
C. ☐ made herewith
D. ☐ made previously

For B & C
See **Required**
Separate Paper
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	35	**minus 32	3	x \$18/\$9 =	+ \$54 103/203
3. Independent Claims	3	***minus 3	0	x \$84/\$42 =	+ \$0 102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)..... add				+ \$280/\$140 =	+ \$280 104/204
5. Original due Date: October 24, 2002		<input type="checkbox"/> NONE			
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo) \$110/\$55 = (2 mos) \$400/\$200 = (3 mos) \$920/\$460 = (4 mos) \$1,440/\$720 = (5 mos) \$1,960/\$980 =	+ \$400		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract			- \$0		
8.			Extension Fee	+ \$400	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee			+ \$110/\$55	+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c), add			+ \$180	+ \$0	126
or if Rule 97(d) Request add			+ \$180		126
11. After-Final Request Fee per rules 129(a) and 17(r)			+ \$740/370	+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b).....			x \$740/370 ea	+ \$0	149/249
13. Request for Continued Examination (RCE)			+ \$740/370	+ \$0	1179/1279
14. Petition fee for				+ \$0	
15.				TOTAL FEE =	\$734
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".				PLEASE CHARGE DEPOSIT ACCOUNT	
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.					
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.					

12/20/2002 SMINASS1 00000017 033975 09991653

CHARGE Deposit Account No. 03-3975

Our Order No. 083255 0284080

03 FC:1252 400.00 CH

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP

Intellectual Property Group

By Atty: Richard A. Steinberg

Reg. No. 26,588

P.O. Box 10500

McLean, VA 22102

Tel: (703) 905-2000

Sig:

Fax:

(703) 905-2500

Tel:

(703) 905-2039

Atty/Sec: RAS/kmh

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments